

ABSTRACT

A novel perfluoropolyether derivative, which has at
5 least one ester bond and is useful as a lubricant with a
decomposition temperature of 300°C or more, is obtained by
an esterification reaction between a perfluoropolyether
diol having hydroxyl groups at both ends thereof and
represented by the formula (1) and a perfluoropolyether
10 dicarboxylic acid having carboxyl groups at both ends
thereof and represented by the formula (2):



wherein each of R and R' is a perfluoroether group.